

---

# Peconic River Remedial Alternatives Workshop

Jason Remien  
Project Manager

December 12-13, 2000

# **Peconic River Remedial Alternatives Workshop**

---

- **BACKGROUND**
- **OVERVIEW OF PROJECT**
- **NEXT STEPS**

# BACKGROUND

---

- **Proposed Remedial Action Plan (March, 2000)**
  - Community Concerns
- **DOE Commitment (June, 2000)**
  - Additional Community Involvement
  - Further Evaluate Remedial Alternatives
  - Further Delineation of Areas Proposed for Remediation
  - Present a revised PRAP

# OVERVIEW OF PROJECT

---

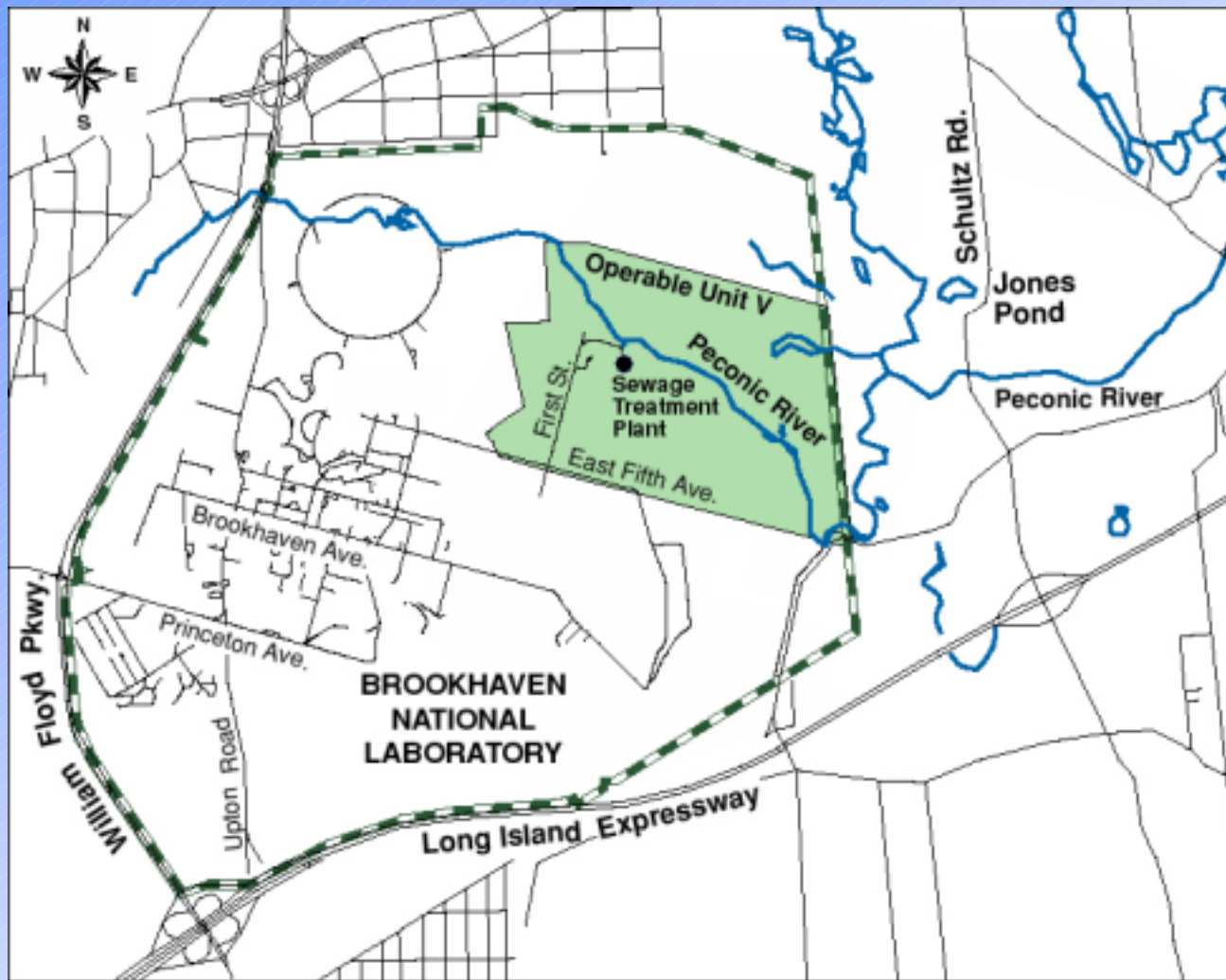
## ■ Peconic River Areas of Concern

- Contaminants of Concern

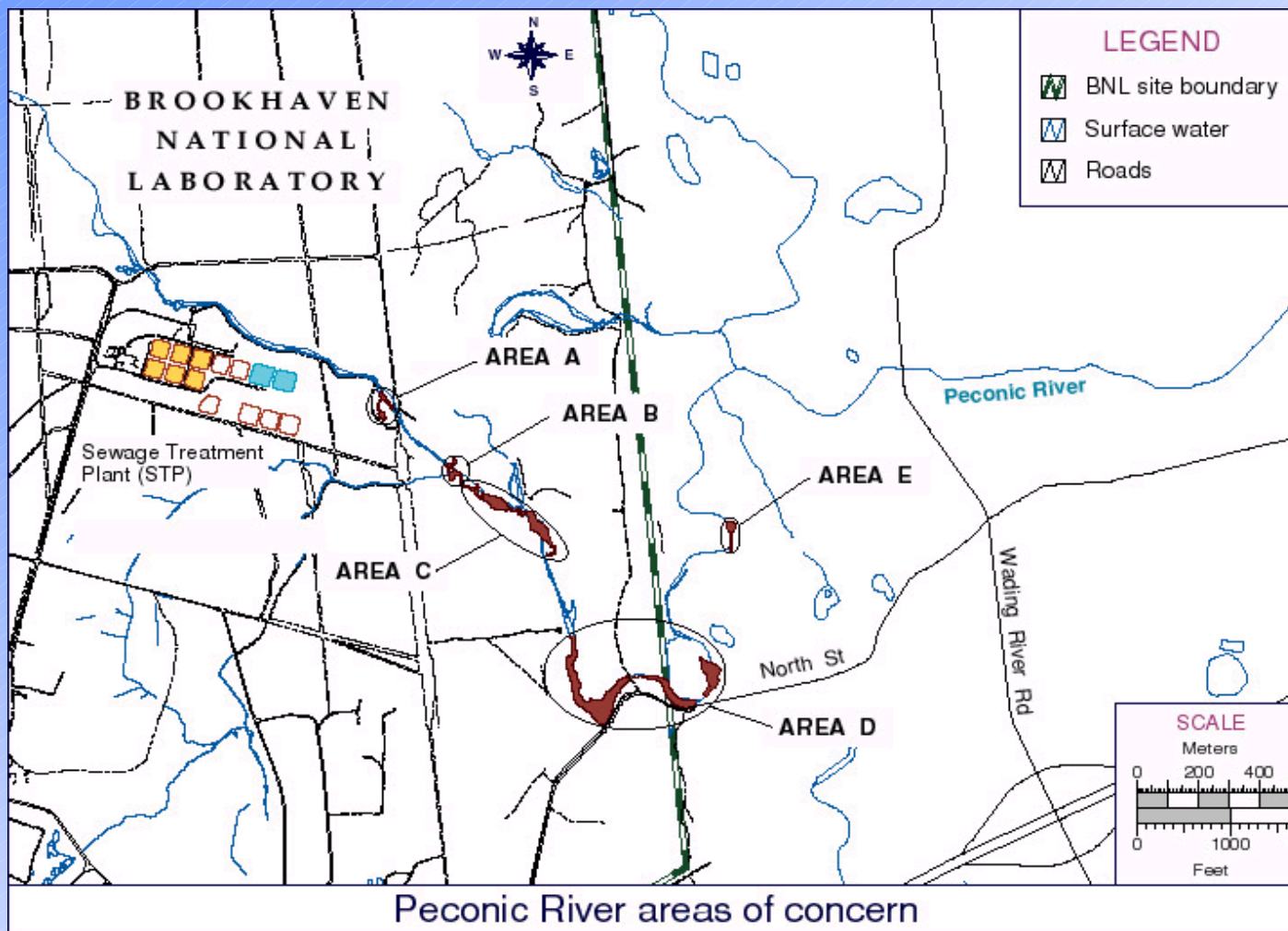
## ■ Remedial Action Objectives

## ■ Evaluation Criteria

# Location of Operable Unit V



# Peconic River Areas of Concern





## Area A, looking upstream



## Area A, looking downstream

---





## Area B, looking upstream

---



## Area B, looking downstream

---





## Area C, looking northeast

---



## Area C (south), looking upstream

---





## Area D (west), looking downstream

---



## Area D (west), looking upstream

---





## Area D (west), looking downstream

---



## Area D (east), looking upstream





## Area D (east), looking downstream

---



## Area E, looking upstream





## Area E, looking downstream

---



# OVERVIEW OF PROJECT (Continued)

---

## ■ Remedial Action Objectives

- Specific goals to protect the public's health and environment
  - Prevent the exposure of aquatic communities to contaminants at concentrations that are deemed to be toxic to aquatic life
  - Prevent bioaccumulation of contaminants to protect potential consumers
  - Protect the ecosystem of the Peconic River
  - Minimize exposure pathways and transport mechanisms for sediment



# OVERVIEW OF PROJECT (Continued)

---

## ■ CERCLA Evaluation Criteria

- Overall Protection of Human Health and the Environment
- Compliance with Applicable or Relevant and Appropriate Requirements (ARARs)
- Long-Term Effectiveness
- Reduction of Toxicity, Mobility, or Volume
- Short-Term Effectiveness and Environmental Impacts
- Implementability
- Cost
- State Acceptance
- Community Acceptance

# NEXT STEPS (Current Schedule)

---

- **Workshop Proceedings (January 2001)**
  - Meet with Workshop Committee
- **Early-Input Roundtables (February/March 2001)**
- **Development of Proposed Plan**
  - Information gathered and input received from the workshop and committee
  - Prior data collected
  - New data and engineering drawings
  - Input from roundtables
- **Public Comment Period (June 2001)**